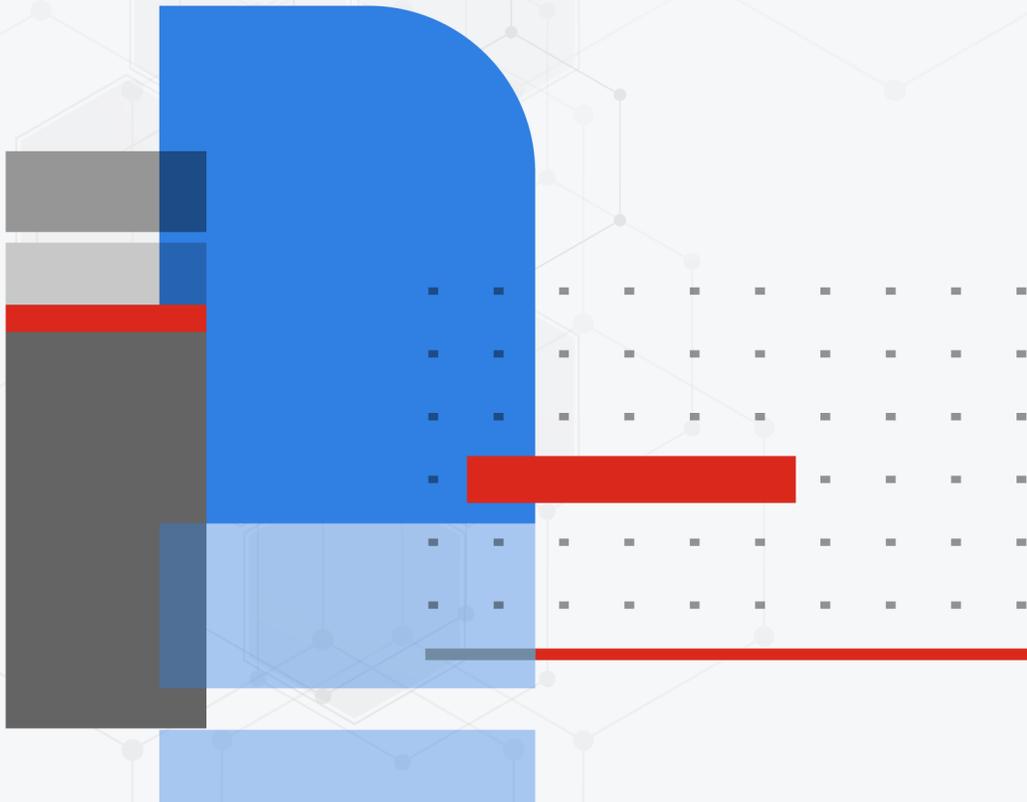


Maximum Values

FortiManager 7.4.1



FORTINET DOCUMENT LIBRARY

<https://docs.fortinet.com>

FORTINET VIDEO LIBRARY

<https://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTINET TRAINING & CERTIFICATION PROGRAM

<https://www.fortinet.com/training-certification>

FORTINET TRAINING INSTITUTE

<https://training.fortinet.com>

FORTIGUARD LABS

<https://www.fortiguard.com>

END USER LICENSE AGREEMENT

<https://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdoc@fortinet.com



September 28, 2023

FortiManager 7.4.1 Maximum Values

02-741-910317-20230928

TABLE OF CONTENTS

Change Log	4
Introduction	5
What's new in FortiManager 7.4.1	5
New tables	5
Changed tables	6
Maximum values for FortiManager	7
Maximum values for objects	10
ADOM limits for managed FortiGates	10
ADOM limits for reports	20
Global limits for FortiManager	21

Change Log

Date	Change Description
2023-09-28	Initial release.

Introduction

This document reflects maximum values for FortiManager 7.4.1.

What's new in FortiManager 7.4.1

The following identifies new and changed tables between FortiManager versions 7.4.1 and 7.2.3.

New tables

New tables in the [Maximum values for FortiManager on page 7](#) section:

Table	Value in 7.4.1
system.csf:trusted-list	256
system.csf:fabric-connector	256
system.soc-fabric:trusted-list	256
fmupdate.server-access-priorities:private-server	256

New tables in the [ADOM limits for managed FortiGates on page 10](#) section:

Table	Value in 7.4.1
casb profile	512
casb saas-application	1024
casb user-activity	4096
firewall casb-profile	512
firewall vendor-mac	0
switch-controller acl group	512
switch-controller acl ingress	512
switch-controller ptp profile	512
system sdn-proxy	1024
virtual-patch profile	512

New tables in the [ADOM limits for reports on page 20](#) section:

Table	Value in 7.4.1
siem parser-list	512
system user-contentpack-stat	2000

Changed tables

Changed tables in the [Maximum values for FortiManager on page 7](#) section:

Table	Value in 7.2.3	Value in 7.4.1
system.admin.user:adom:	15	10000
system.workflow.approval-matrix:	15	10000
fmupdate.server-access-priorities:private-server:	256	Removed

Changed tables in the [ADOM limits for reports on page 20](#) section:

Table	Value in 7.2.3	Value in 7.4.1
siem device-parsers	512	10000

Maximum values for FortiManager

The following table identifies maximum supported values for a FortiManager virtual machine. This information is provided as an example. You can view the supported maximum values on your FortiManager model by using the `print tablesize` command.

Table	Maximum value
system.global:ssl-cipher-suites:	256
system.global:mc-policy-disabled-adoms:	256
system.interface:	256
system.interface:member:	256
system.local-in-policy:	256
system.local-in-policy6:	256
system.snmp.community:	256
system.snmp.community:hosts:	256
system.snmp.community:hosts6:	256
system.snmp.user:	256
system.route:	256
system.route6:	256
system.ha:monitored-interfaces:	256
system.ha:monitored-ips:	256
system.ha:peer:	256
system.certificate.ca:	256
system.certificate.local:	256
system.certificate.crl:	256
system.certificate.remote:	256
system.certificate.ssh:	256
system.saml:service-providers:	256
system.saml:fabric-idp:	256
system.ntp:ntpserver:	256
system.metadata.admins:	256
system.admin.profile:	256

Table	Maximum value
system.admin.profile:datamask-custom-fields:	256
system.admin.radius:	256
system.admin.ldap:	256
system.admin.ldap:adom:	256
system.admin.tacacs:	256
system.admin.group:	256
system.admin.group:member:	256
system.admin.user:	1024
system.admin.user:adom:	10000
system.admin.user:web-filter:	256
system.admin.user:ips-filter:	256
system.admin.user:app-filter:	256
system.admin.user:policy-package:	256
system.admin.user:meta-data:	256
system.admin.user:dashboard-tabs:	256
system.admin.user:dashboard:	256
system.syslog:	256
system.mail:	256
system.alert-event:	256
system.alert-event:alert-destination:	256
system.workflow.approval-matrix:	10000
system.workflow.approval-matrix:approver:	256
system.sniffer:	256
system.csf:trusted-list	256
system.csf:fabric-connector	256
system.log.mail-domain:	256
system.log.device-disable:	256
system.log.ratelimit:ratelimits:	256
system.sql:custom-index:	256
system.sql:custom-skipidx:	256

Table	Maximum value
system.sql:ts-index-field:	256
system.report.group:	256
system.report.group:group-by:	256
system.report.group:chart-alternative:	256
system.soc-fabric:trusted-list	256
fmupdate.server-access-priorities:private-server	256
fmupdate.web-spam.fgd-setting:server-override:servlist:	256
fmupdate.fds-setting:push-override-to-client:announce-ip:	256
fmupdate.fds-setting:server-override:servlist:	256

Maximum values for objects

This section identifies the maximum supported values for the following objects:

- [ADOM limits for managed FortiGates on page 10](#)
- [ADOM limits for reports on page 20](#)
- [Global limits for FortiManager on page 21](#)

The maximum supported values for managed objects are for the following FortiManager models:

Hardware models	Virtual Machine models
<ul style="list-style-type: none"> • FMG-200F • FMG-200G • FMG-300F • FMG-400E • FMG-400G • FMG-1000F • FMG-2000E • FMG-3000F • FMG-3000G • FMG-3700F • FMG-3700G 	<ul style="list-style-type: none"> • FMG-VM64 • FMG-VM64-ALI • FMG-VM64-AWS • FMG-VM64-AWSOnDemand • FMG-VM64-Azure • FMG-VM64-Azure-OnDemand • FMG-VM64-GCP • FMG-VM64-GCP-OnDemand • FMG-VM64-HV • FMG-VM64-IBM • FMG-VM64-KVM • FMG-VM64-OPC • FMG-VM64-XEN

ADOM limits for managed FortiGates

The following table identifies the FortiManager per ADOM limits for managed FortiGates.



Per ADOM (Policy Package) limit means the maximum number of same category entries per ADOM (or per Policy Package). 0 means unlimited.

Table	Per ADOM limit
antivirus mms-checksum	1000
antivirus notification	1000
antivirus profile	1000
application categories	0
application custom	18000

Table	Per ADOM limit
application group	512
application list	2000
authentication rule	2560 (256)
authentication scheme	512
authentication setting	0
casb profile	512
casb saas-application	1024
casb user-activity	4096
cifs domain-controller	512
cifs profile	512
credential-store domain-controller	512
dlp data-type	512
dlp dictionary	512
dlp filepattern	25000
dlp profile	3000
dlp sensitivity	256
dlp sensor	3000
dnsfilter domain-filter	2000
dnsfilter profile	40000
emailfilter block-allow-list	8000
emailfilter bwl	8000
emailfilter bword	4000
emailfilter dnsbl	4000
emailfilter fortishield	0
emailfilter iptrust	4000
emailfilter mheader	4000
emailfilter options	0
emailfilter profile	1000
endpoint-control fctems	7
extender-controller dataplan	512

Table	Per ADOM limit
extender-controller extender	81920
extender-controller extender-profile	512
extension-controller dataplan	512
extension-controller extender	512
extension-controller extender-profile	512
file-filter profile	3000
firewall DoS-policy	10240
firewall DoS-policy6	2560 (256)
firewall access-proxy	512
firewall access-proxy-virtual-host	512
firewall access-proxy6	512
firewall acl	2560 (256)
firewall acl6	2560 (256)
firewall address	400000
firewall address6	400000
firewall address6-template	512
firewall addrgrp	60000
firewall addrgrp6	16384
firewall carrier-endpoint-bwl	512
firewall casb-profile	512
firewall central-snat-map	300000 (30000)
firewall consolidated policy	2000000 (200000)
firewall decrypted-traffic-mirror	512
firewall gtp	20000
firewall hyperscale-policy	20000 (2000)
firewall hyperscale-policy46	20000 (2000)
firewall hyperscale-policy6	20000 (2000)
firewall hyperscale-policy64	20000 (2000)
firewall identity-based-route	512
firewall interface-policy	2560 (256)

Table	Per ADOM limit
firewall interface-policy6	2560 (256)
firewall internet-service	0
firewall internet-service-addition	1024
firewall internet-service-custom	512
firewall internet-service-custom-group	512
firewall internet-service-group	512
firewall internet-service-name	16384
firewall ippool	65536
firewall ippool6	512
firewall ippool_grp	512
firewall ldb-monitor	1024
firewall local-in-policy	2560 (256)
firewall local-in-policy6	2560 (256)
firewall mms-profile	1000
firewall multicast-address	8192
firewall multicast-address6	8192
firewall multicast-policy	5120 (2560)
firewall multicast-policy6	2560 (256)
firewall network-service-dynamic	512
firewall policy	2000000 (200000)
firewall policy46	1000000 (100000)
firewall policy6	1000000 (100000)
firewall policy64	1000000 (100000)
firewall profile-group	40000
firewall profile-protocol-options	1000
firewall proxy-address	16384
firewall proxy-addrgrp	8192
firewall proxy-policy	2000000 (200000)
firewall schedule group	512
firewall schedule onetime	10000

Table	Per ADOM limit
firewall schedule recurring	2048
firewall security-policy	2000000 (200000)
firewall service category	20000
firewall service custom	65536
firewall service group	20000
firewall shaper per-ip-shaper	1000
firewall shaper traffic-shaper	5000
firewall shaping-policy	2560 (256)
firewall shaping-profile	512
firewall ssh local-ca	200
firewall ssl-ssh-profile	1000
firewall traffic-class	512
firewall vendor-mac	0
firewall vip	65536
firewall vip46	65536
firewall vip6	65536
firewall vip64	65536
firewall vipgrp	1000
firewall vipgrp46	1000
firewall vipgrp6	1000
firewall vipgrp64	1000
firewall wildcard-fqdn custom	400000
firewall wildcard-fqdn group	400000
gtp apn	100000
gtp apngrp	512
gtp ie-white-list	512
gtp message-filter-v0v1	512
gtp message-filter-v2	512
gtp tunnel-limit	512
icap profile	0

Table	Per ADOM limit
icap server	512
ips custom	18000
ips global	0
ips sensor	2000
ips settings	0
log custom-field	2000
log npu-server	0
log threat-weight	0
router access-list	200
router access-list6	512
router aspath-list	512
router bgp	0
router community-list	4096
router prefix-list	4096
router prefix-list6	512
router route-map	512
ssh-filter profile	512
switch-controller acl group	512
switch-controller acl ingress	512
switch-controller custom-command	512
switch-controller dsl policy	512
switch-controller dynamic-port-policy	512
switch-controller fortilink-settings	512
switch-controller lldp-profile	512
switch-controller mac-policy	2000
switch-controller managed-switch	600
switch-controller ptp profile	512
switch-controller qos dot1p-map	512
switch-controller qos ip-dscp-map	512
switch-controller qos qos-policy	512

Table	Per ADOM limit
switch-controller qos queue-policy	512
switch-controller security-policy 802-1X	512
switch-controller switch-interface-tag	512
switch-controller traffic-policy	512
switch-controller vlan-policy	512
system custom-language	1024
system dhcp server	8384
system external-resource	1024
system fortiguard	0
system geoip-country	0
system geoip-override	1024
system ips	0
system npu	0
system object-tagging	8192
system replacemsg-group	400
system replacemsg-image	64
system sdn-connector	512
system sdn-proxy	1024
system sdwan	0
system sms-server	1024
system virtual-wan-link	0
system virtual-wire-pair	512
user adgrp	160000
user certificate	512
user device	0
user device-access-list	512
user device-category	0
user device-group	0
user domain-controller	512
user exchange	512

Table	Per ADOM limit
user fortitoken	0
user fsso	100
user fsso-polling	200
user group	10000
user krb-keytab	512
user ldap	128
user local	10000
user nac-policy	10000 (1000)
user password-policy	512
user peer	120000
user peergrp	10000
user pop3	20
user radius	1000
user saml	100
user security-exempt-list	512
user tacacs+	20
videofilter profile	512
videofilter youtube-channel-filter	512
virtual-patch profile	512
voip profile	512
vpn certificate ca	1000
vpn certificate ocsp-server	512
vpn certificate remote	512
vpn ipsec fec	512
vpn ipsec phase1-interface	0
vpn ipsec phase2-interface	0
vpn ssl web host-check-software	512
vpn ssl web portal	5200
vpn ssl web realm	512
waf main-class	1024

Table	Per ADOM limit
waf profile	512
waf signature	8192
waf sub-class	1024
wanopt auth-group	256
wanopt peer	512
wanopt profile	512
web-proxy forward-server	512
web-proxy forward-server-group	512
web-proxy profile	512
web-proxy wisp	512
webfilter categories	0
webfilter content	4000
webfilter content-header	512
webfilter ftgd-local-cat	104
webfilter ftgd-local-rating	24000
webfilter profile	70000
webfilter urlfilter	70000
wireless-controller access-control-list	0
wireless-controller address	2048
wireless-controller addrgrp	2048
wireless-controller apcfg-profile	128
wireless-controller arrip-profile	64
wireless-controller ble-profile	256
wireless-controller bonjour-profile	512
wireless-controller hotspot20 anqp-3gpp-cellular	32
wireless-controller hotspot20 anqp-ip-address-type	32
wireless-controller hotspot20 anqp-nai-realm	32
wireless-controller hotspot20 anqp-network-auth-type	32
wireless-controller hotspot20 anqp-roaming-consortium	32
wireless-controller hotspot20 anqp-venue-name	32

Table	Per ADOM limit
wireless-controller hotspot20 anqp-venue-url	32
wireless-controller hotspot20 h2qp-advice-of-charge	0
wireless-controller hotspot20 h2qp-conn-capability	32
wireless-controller hotspot20 h2qp-operator-name	32
wireless-controller hotspot20 h2qp-osu-provider	32
wireless-controller hotspot20 h2qp-osu-provider-nai	32
wireless-controller hotspot20 h2qp-terms-and-conditions	32
wireless-controller hotspot20 h2qp-wan-metric	32
wireless-controller hotspot20 hs-profile	32
wireless-controller hotspot20 icon	32
wireless-controller hotspot20 qos-map	512
wireless-controller mpsk-profile	0
wireless-controller nac-profile	512
wireless-controller qos-profile	256
wireless-controller region	512
wireless-controller setting	0
wireless-controller snmp	0
wireless-controller ssid-policy	512
wireless-controller syslog-profile	256
wireless-controller utm-profile	256
wireless-controller vap	0
wireless-controller vap-group	2048
wireless-controller wag-profile	512
wireless-controller wids-profile	512
wireless-controller wtp	81920
wireless-controller wtp-group	10240
wireless-controller wtp-profile	2048

ADOM limits for reports

The following table identifies FortiManager ADOM limits for reports when FortiManager has FortiAnalyzer Features enabled.



ADOM limit means the maximum number of entries over all tables of the same type within the ADOM. Zero (0) denotes unlimited.

Report	Per ADOM limit
alert basic-handler	1000
alert correlation-handler	1000
alert data-selector	1000
alert notification-profile	1000
alert view-presentation	100
fortiview custom-view	1000
fortiview folder	100
log-alert trigger	1000
noc dashboard	1000
siem device-parsers	10000
siem parser	256
siem parser-list	512
soc widget	1000
sql-report chart	5000
sql-report dataset	5000
sql-report layout	2000
sql-report layout-folder	100
sql-report macro	5000
sql-report output	2000
sql-report schedule	2000
system address-group	10000
system address-obj	10000
system connectors	100
system installed-contentpack	2000

Report	Per ADOM limit
system log-device-group	1000
system playbooks	100
system user-contentpack-stat	2000
system webhook	20
ueba epeu-data-source	20480
ueba user-display-preference	64

Global limits for FortiManager

The following table identifies the global limits in FortiManager.



Global limit means the maximum number of entries over all tables of the same type within the system. Zero (0) is used to denote unlimited. For all other unspecified objects, the default Global limit is 256.

Table	Global limit
system aggregation-client	5
system log mail-domain	256
system log-forward	20



www.fortinet.com

Copyright© 2024 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's Chief Legal Officer, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.